

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other In-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

Tract 251 Contract 000154

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Apache

9. WELL NO.

11E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec. 28, T26N, R5W

12. COUNTY OR  
PARISH

Rio Arriba

13. STATE

New Mexico

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Otherb. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR

Marathon Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 2659, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements)

At surface 955' FNL &amp; 1685' FWL, Unit C

At top prod. interval reported below

At total depth

14. PERMIT NO.

30-039-22460

DATE ISSUED

July 29, 1980

15. DATE SPUN

9-12-80

16. DATE T.D. REACHED

10-7-80

17. DATE COMPL. (Ready to prod.)

2-6-81

18. ELEVATIONS (DF, RKB, RT, GR, ETC.) \*

6470' GL, 6482' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

7287'

21. PLUG, BACK T.D., MD &amp; TVD

7270'

22. IF MULTIPLE COMPL.,  
HOW MANY \*

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23. INTERVALS  
DRILLED BY

0-7287

ROTARY TOOLS

CABLE TOOLS

None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD) \*

Graneros 7041'-7047', Dakota 7171'-7269'

26. TYPE ELECTRIC AND OTHER LOGS RUN

CDL, CNL, GR, DIL, CAL, SP

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8	36#	494'	13-3/4"	450 Sacks	None
7"	20#	3037'	8-3/4"	250 Sacks	" "
4 1/2"	11.6#, 10-5#	7335'	6 1/2"	220 Sacks	" "

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		None			2-3/8"	7024'	None

31. PERFORATION RECORD (Interval, size and number)

.32#, 1 shot at the follow depths,  
(11 shots total)7041', -44, -47, 7171'-75, 82, 7203',  
-05, -57, -63, -69 1 shot 1 ft.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7041'-7269	Acidized w/ 1200 gals., 15% HCL acid. Fraced w/ 100,380 gals. cross-linked gel w/ 2% HC, 120,000#, 20-40, 7000#, 10-20 sand.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)					WELL STATUS (Producing or shut-in)		
2-6-81		Flowing					S.I. Waiting on Gas Hookup		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO		
2-6-81	24	48/64	→	14	403	5-5	28,800 CF/Bbl.		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)			
215 psig	340 psig	→	14	403	5-5	.680			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Gas committed to Northwest Pipeline

TEST WITNESSED BY

E. Nelson (MOC)

35. LIST OF ATTACHMENTS

None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Dale Cobby

TITLE

Dist. Operation Manager

DATE

1-2-81

\*(See Instructions and Spaces for Additional Data on Reverse Side)

FARMINGTON DISTRICT

BY R.B.

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions governing the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary report is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DAIL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Kirtland	2474'	2850'		Kirtland	2474'	
Pictured Cliffs	2850'	3752'		Pictured Cliffs	2850'	
Chacra	3752'	4548'		Chacra	3752'	
Cliff House	4548'	5235'		Cliff House	4548'	
Mancos Shale	5235'	6178'		Mancos Shale	5235'	
Niabrara	6178'	6413'		Niabrara	6178'	
Basal Niabrara	6413'	6652'		Basal Niabrara	6413'	
Sanastee	6652'	6958'		Sanastee	6652'	
Greenhorn	6958'	7036'		Greenhorn	6958'	
Graneros	7036'	7128'		Graneros	7036'	
Dakota	7128'	7270'	TD	Dakota	7128'	

## 38. GEOLOGIC MARKERS